BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 1ST AND FINAL BILL

Name of work: Construction of CC Drain and Covering Slabs in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Estimated Cost : Rs. 20.00 Lakhs

Head of Account : P-1771 POW Works

Job Code: 010-20-000088

Name of Agency: Sri. Bharath. S, Beechagondahalli, S.K Halli, Kolar Taluk.

Work order No: BBMP/EE/BTP/WO/194/2020-21 D: 24.02.2021.

Measurements Recarded on :

Sl. No	Description	No.	L	B	D	Qty	Rate / Unit	Amount
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications						Cum	
	Qty as per Pre-measurement Recorded vide E-Bill Page No. 01 is =					**308.00**	219.00	**67452.00**
2	Providing and laying Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications						Cum	
	Qty as per Pre-measurement Recorded vide E-Bill Page No. 02 is =					**46.20**	4869.00	**224948.00**
3	Providing laying palin / reinforced cement concrete for side drains using M 20 nominal mix concrete with OPC at 300 kgs with 20 mm and down size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed well compacted for walls and bottom including cenmtering shuttering form work etc. complete as per approved drawing and design MORTH Specification No. 1500,1700,2200 Wall & Bottom thickness 15cm						Cum	
	Drain Bottom Concrete							
	RC Pura Bussa Store Road E/S	1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	12.10	0.90	0.15	1.63		
	RC Pura Bussa Store Road W/S							
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	12.30	0.90	0.15	1.66		
	Cross Road							
		1	30.00	0.90	0.15	4.05		
		1	19.80	0.90	0.15	2.67		
	Side Wall							
	RC Pura Bussa Store Road E/S	2	30.00	0.15	(0.59+0.77)/2	5.99	6.12	
		2	30.00	0.15	(0.77+0.85)/2	7.29		
		2	30.00	0.15	0.85	7.65		
		2	30.00	0.15	0.85	7.65		

C&F.C. 89/104

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97

Sl. No	Description	No.	L	B	D	Qty	Rate / Unit	Amount
	RC Pura Bussa Store Road W/S	2	12.10	0.15	0.85	3.09		
		2	30.00	0.15	(0.89+0.94)/2	8.24		
		2	30.00	0.15	(0.94+0.87)/2	8.15		
		2	30.00	0.15	0.87	7.83		
		2	30.00	0.15	0.87	7.83		
		2	12.30	0.15	0.87	3.21		
	Cross Road	2	30.00	0.15	0.60	5.40		
		2	19.80	0.15	0.60	3.56		
					Total Qty =	118.29		
					Qty Limited to =	97.02	6349.00	615980.00

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M.U. (97.02)

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Engineer 12/04/2022
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Sl. No	Description	No.	L	B	D	Qty	Rate / Unit	Amount
	Date Recording:							
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT bars Fe 500						Tonne	
	Qty as per Pre-measurement Recorded vide E-Bill Page No. 03 is =					**5.82**	64949.00	**378003.00**
5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick						Sqm	
	For Covering Slab							
	RC Pura Bussa Store Road E/S	1	30.00		0.90	27.00		
		1	30.00		0.90	27.00		
		1	30.00		0.90	27.00		
		1	30.00		0.90	27.00		
		1	12.10		0.90	10.89		
	RC Pura Bussa Store Road W/S							
		1	30.00		0.90	27.00		
		1	30.00		0.90	27.00		
		1	30.00		0.90	27.00		
		1	30.00		0.90	27.00		
		1	12.30		0.90	11.07		
	Cross Road							
		1	30.00		0.90	27.00		
		1	19.80		0.90	17.82		
			314.20			**282.78**		
				Total Qty =		**277.20**	666.30	**184698.00**
				Qty Limited to =				
6	KSRB 5-9: Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be recorded)						Mtrs	
		524	3.00			1571.00		
						1540.00	55.20	**85008.00**

Assistant Engineer
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Sl. No	Description	No.	L	B	D	Qty	Rate / Unit	Amount
	Date Recording:							
7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications						Cum	
	Ramp							
	RC Pura Bussa Store Road E/S	1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	12.10	0.30	0.10	0.36		
	RC Pura Bussa Store Road W/S							
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	30.00	0.30	0.10	0.90		
		1	12.30	0.30	0.10	0.37		
	Cross Road							
		1	30.00	0.30	0.10	0.90		
		1	19.80	0.30	0.10	0.59		
					Total Qty =	**9.43**		
					Qty Limited to =	**9.24**	5029.00	**46468.00**
	Sub Total							**1602557.00**
	GST @ 12%							**192307.00**
	Grand Total							**1794864.00**

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